

APPENDIX A1

APPENDIX A2

## APPENDIX B

Divergence	Percent Identity					
	1	2	3	4	5	6
1	92.5	88.3	100.0	92.5	88.3	1
2	5.2	86.1	91.0	100.0	86.1	2
3	9.9	11.6	86.9	86.1	100.0	3
4	0.0	5.2	9.9	84.5	82.1	4
5	5.2	0.0	11.6	13.1	79.7	5
6	9.9	11.6	0.0	17.5	18.6	6
	1	2	3	4	5	6

Com 120-aa of SEQ28.pro  
Rice 122-aa of SEQ32.pro  
Wheat 122-aa of SEQ40.pro  
BB1107 USCNT SEQ28.pro  
BB1107 USCNT SEQ32.pro  
BB1107 USCNT SEQ40.pro